



NORTH COAST
LABORATORIES LTD.

June 06, 2018

City of Eureka
4301 Hilfiker Lane
Eureka, CA 95503

Attn: David Adams

Order No.: 1805450
Invoice No.: 140321
PO No.: 118076
ELAP No.1247-Expires July 2018

RE: Pacific Choice

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
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01A	Outfall 001
01B	Outfall 001

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 06-Jun-2018
WorkOrder: 1805450

CASE NARRATIVE

The sample was received outside the EPA recommended temperature of less than or equal to 6° C.

Date: 06-Jun-2018

WorkOrder: 1805450

ANALYTICAL REPORT

Client Sample ID: Outfall 001

Lab ID: 1805450-01A

Received: 5/30/2018

Collected: 5/30/2018 9:10

Test Name: Hexane Extractable Oil and Grease

Reference: EPA 1664B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Oil and Grease	93		7.1	mg/L	1.4	5/30/2018	5/31/2018

Client Sample ID: Outfall 001

Lab ID: 1805450-01B

Received: 5/30/2018

Collected: 5/30/2018 9:10

Test Name: Biochemical Oxygen Demand

Reference: SM 5210B, 2001. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Biochemical Oxygen Demand	2,200		2.0	mg/L	1.0		5/30/2018

Test Name: Non-Filterable Residue (TSS)

Reference: SM 2540D, 1997. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Non-Filterable Residue(TSS)	410		1.0	mg/L	1.0		6/3/2018

North Coast Laboratories, Ltd.

Date: 6/6/2018

CLIENT: City of Eureka
Work Order: 1805450
Project: Pacific Choice

QC SUMMARY REPORT

Method Blank

Sample ID	MBLK	Batch ID:	R95662	Test Code:	1664GOW	Units:	mg/L	Analysis Date	5/31/2018 9:00:00 AM	Prep Date	5/30/2018		
Client ID:				Run ID:	WC_180530H			SeqNo:	1361218				
Analyte		Result		Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		ND		5.0									

Sample ID	MBLK	Batch ID:	R95676	Test Code:	NFRW	Units:	mg/L	Analysis Date	6/3/2018 9:45:00 AM	Prep Date			
Client ID:				Run ID:	WC_180603A			SeqNo:	1361461				
Analyte		Result		Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Non-Filterable Residue(TSS)		ND		1.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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ED_006495_00002264-00004

North Coast Laboratories, Ltd.

Date: 6/6/2018

CLIENT: City of Eureka
Work Order: 1805450
Project: Pacific Choice

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS	Batch ID: R95662	Test Code: 1664GOW	Units: mg/L	Analysis Date 5/31/2018 9:00:00 AM				Prep Date 5/30/2018			
Client ID:			Run ID: WC_180530H		SeqNo: 1361219							
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		39.80	5.0	40.0	0	99.5%	80	107	0			

Sample ID	LCSD	Batch ID: R95662	Test Code: 1664GOW	Units: mg/L	Analysis Date 5/31/2018 9:00:00 AM				Prep Date 5/30/2018			
Client ID:			Run ID: WC_180530H		SeqNo: 1361220							
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		39.90	5.0	40.0	0	99.8%	80	107	39.8	0.251%	18	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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North Coast Laboratories, Ltd.

Date: 6/6/2018

CLIENT: City of Eureka
Work Order: 1805450
Project: Pacific Choice

QC SUMMARY REPORT

BOD Organic Standard

Sample ID	ORG STD	Batch ID:	R95701	Test Code:	BODW	Units:	mg/L	Analysis Date	5/30/2018 10:00:00 AM	Prep Date	
Client ID:		Run ID:	WC_180530L					SeqNo:	1361849		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	210.0	2.0	200	0	105%	85	115	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

P. 1 of 1

1805452

Sampler (Sign & Print): David Adams

Purchase Order Number: 118076

[illegible][illegible]

8.4

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Fed-Ex Hand

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT